TPCN2 polyclonal antibody

Catalog # PAB17247 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of TPCN2.
Immunogen	A synthetic peptide corresponding to human TPCN2.
Sequence	C-EDELTERLSQHPH
Host	Goat
Theoretical MW (kDa)	85.2
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:16000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — TPCN2

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Entrez GeneID	219931
Protein Accession#	NP_620714.2
Gene Name	TPCN2
Gene Alias	FLJ41094, SHEP10, TPC2
Gene Description	two pore segment channel 2
Gene Ontology	Hyperlink
Gene Summary	TPCN2 is a putative cation-selective ion channel related to CATSPER (see CATSPER1; MIM 606389) and transient receptor potential channels (see TRPC1; MIM 602343) (Clapham and Garbers, 2005 [PubMed 16382101]).[supplied by OMIM
Other Designations	two-pore calcium channel protein 2

Publication Reference

- NAADP mobilizes calcium from acidic organelles through two-pore channels.

  Calcraft PJ, Ruas M, Pan Z, Cheng X, Arredouani A, Hao X, Tang J, Rietdorf K, Teboul L, Chuang KT, Lin P, Xiao R, Wang C, Zhu Y, Lin Y, Wyatt CN, Parrington J, Ma J, Evans AM, Galione A, Zhu MX.

  Nature 2009 Apr; 459(7246):596.

Disease

- Melanosis

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